## WEST Search History for Application 10582123

Query	DB	Op.	Plur.	Thes.	Date
((metal or steel or aluminum or zirconium or titanium) adj l (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit\$ and crack\$	EPAB, JPAB, DWPI	OR			02-12-2008
((metal or steel or aluminum or zirconium or titanium) adj l (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and crack\$	EPAB, JPAB, DWPI	OR			02-12-2008
(((metal or steel or aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and crack\$) not ((((metal or steel or aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit\$ and crack\$)	EPAB, JPAB, DWPI	OR			02-12-2008
(((metal or steel or aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit\$ and crack\$) or (((metal or steel or aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and crack\$ not ((metal or steel or aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit\$ and crack\$ or "metal hydroxide") and pit\$ and crack\$)	EPAB, JPAB, DWPI	OR			02-12-2008
((metal or steel or aluminum or zirconium or titanium) adj l (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit\$	EPAB, JPAB, DWPI	OR			02-12-2008
(((metal or steel or aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit\$) not (((metal or steel or aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit\$ and crack\$ or ((metal or steel or aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and crack\$ not ((metal or steel or aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and crack\$ not ((metal or steel or aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit\$ and crack\$)	EPAB, JPAB, DWPI	OR			02-12-2008
(((metal or steel or aluminum or zirconium or titanium) adjl (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pits not ((metal or steel or aluminum or zirconium or titanium) adjl (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pits and crack\$ or ((metal or steel or aluminum or zirconium or titanium) adjl (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and crack\$ not ((metal or steel or aluminum or	EPAB, JPAB, DWPI	OR			02-12-2008

zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit\$ and crack\$ ) or (((metal or steel or aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit\$ and crack\$ or ((metal or steel or aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and crack\$ not ((metal or steel or aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit\$ and crack\$ )				
(428/606 or 428/607 or 428/626 or 428/632 or 428/633 or 428/660 or 428/681 or 428/612 or 428/613 or 428/446 or 428/457 or 428/472 or 428/689 or 428/702)![CCLS]	PGPB, USPT	OR		02-12-2008
(((metal or steel or aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit\$ and crack\$).clm.	PGPB, USPT	OR		02-12-2008
(((metal or steel or aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pits and cracks) and ((428/606 or 428/607 or 428/626 or 428/633 or 428/660 or 428/681 or 428/612 or 428/613 or 428/4446 or 428/457 or 428/472 or 428/689 or 428/702)![CCLS])	PGPB, USPT	OR		02-12-2008
((((metal or steel or aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pits and cracks) and (428/606 or 428/607 or 428/632 or 428/633 or 428/660 or 428/681 or 428/612 or 428/613 or 428/446 or 428/457 or 428/472 or 428/689 or 428/702)![CCLS]) not ((((metal or steel or aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit\$ and crack\$).clm.)	PGPB, USPT	OR		02-12-2008
((((metal or steel or aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit\$ and crack\$) and (428/606 or 428/607 or 428/632 or 428/633 or 428/660 or 428/681 or 428/613 or 428/4146 or 428/457 or 428/472 or 428/689 or 428/702)![CCLS]) or ((((metal or steel or aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit\$ and crack\$).clm.)	PGPB, USPT	OR		02-12-2008
(((metal or steel or aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit\$ and crack\$) and ((pit\$ same crack\$)) and ((pit\$ and crack\$) same (sheet or foil or plate))	PGPB, USPT	OR		02-12-2008
((((metal or steel or aluminum or zirconium or titanium) adjl (sheet or plate or foil)) and ("metal oxide" or "metal	PGPB, USPT	OR		02-12-2008

hydroxide") and pit\$ and crack\$) and ((pit\$ same crack\$)) and ((pit\$ and crack\$) same (sheet or foil or plate)) ) not ((((metal or steel or aluminum or zirconium or titanium) adj 1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit\$ and crack\$) and (428/606 or 428/607 or 428/612 or 428/613 or 428/613 or 428/612 or 428/613 or 428/613 or 428/612 or 428/612 or 428/612 or 428/612 or incomplete or foil) ((metal or steel or aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit\$ and crack\$).clm.)				
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((((metal or steel or aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit\$ and crack\$) and ((pit\$ same crack\$)) and ("metal or steel or aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit\$ and crack\$) and (428/606 or 428/601 or 428/612 or 428/632 or 428/633 or 428/630 or 428/630 or 428/612 or 428/612 or 428/612 or 428/612 or 428/612 or 428/613 or title or steel or aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit\$ and crack\$).clm.) and @pd > 20070623	PGPB, USPT	OR		02-12-2008
((metal or steel or aluminum or zirconium or titanium) near2 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and (crack\$ or pit\$)	EPAB, JPAB, DWPI	OR	YES	02-12-2008
(((metal or steel or aluminum or zirconium or titanium) near2 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and (crack\$ or pit\$) ) not (((metal or steel or aluminum or zirconium or titanium) adjl (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit\$ not ((metal or steel or aluminum or zirconium or titanium) adjl (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit\$ not (metal or steel or aluminum or zirconium or titanium) adjl (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit\$ and crack\$ or ((metal or steel or	EPAB, JPAB, DWPI	OR	YES	02-12-2008

aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and crack\$ not ((metal or steel or aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit\$ and crack\$ or ((metal or steel or aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit\$ and crack\$ or ((metal or steel or aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and crack\$ not ((metal or steel or aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and crack\$ or "metal hydroxide") and pit\$ and crack\$ )				
(((metal or steel or aluminum or zirconium or titanium) near2 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pits and crack\$) and ((pit\$ same crack\$)) and ((pit\$ and crack\$) same (sheet or foil or plate))	PGPB, USPT	OR	YES	02-12-2008
((((metal or steel or aluminum or zirconium or titanium) near2 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pits and cracks) and ((pits same cracks)) and ((pits and cracks)) same (sheet or foil or plate)) not ((((metal or steel or aluminum or zirconium or titanium) adj I (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pits and cracks) same (sheet or foil or plate)) or (((metal or steel or aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pits and cracks) and (428/606 or 428/607 or 428/62 or 428/632 or 428/633 or 428/630 or 428/681 or 428/612 or 428/613 or 428/4472 or 428/4472 or 428/489 or 428/472 or 428/472 or 428/689 or 428/702)![CCLS] or (((metal or steel or aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pits and cracks).clm.)	PGPB, USPT	OR	YES	02-12-2008
((((metal or steel or aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit's and crack\$) and ((pit's same crack\$)) and ((pit's and crack\$) same (sheet or foil or plate)) or (((metal or steel or aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit's and crack\$) and (428/606 or 428/607 or 428/626 or 428/633 or 428/633 or 428/633 or 428/640 or 428/6412 or 428/612 or 428/612 or 428/613 or 428/6410 or 428/647 or 428/649 or 428/64702)![CCLS] or (((metal or steel or aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit's and crack\$).clm.) or ((((metal or steel or aluminum or zirconium or titanium) near2 (sheet or plate or foil)) and ("metal oxide" or "metal oxide" or "m	PGPB, USPT	OR	YES	02-12-2008

crack\$)) and ((pit\$ and crack\$) same (sheet or foil or plate)) not (((metal or steel or aluminum or zirconium or titanium) adjl (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit\$ and crack\$) and ((pit\$ same crack\$)) and ((pit\$ same crack\$)) and ((pit\$ same crack\$)) and (pit\$ and crack\$) same (sheet or foil or plate) or (((metal or steel or aluminum or zirconium or titanium) adjl (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit\$ and crack\$) and (428/606 or 428/607 or 428/626 or 428/632 or 428/633 or 428/630 or 428/630 or 428/612 or 428/612 or 428/612 or 428/612 or 428/613 or tital visual properties of the control of the con				
(((metal or steel or aluminum or zirconium or titanium) near2 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide")) and ((pit\$ or crack\$) same (sheet or foil or plate))	PGPB, USPT	OR	YES	02-12-2008
((428/606 or 428/607 or 428/626 or 428/632 or 428/633 or 428/660 or 428/681 or 428/612 or 428/613 or 428/446 or 428/475 or 428/475 or 428/475 or 428/4769 or 428/702)![CCLS]) and (((metal or steel or aluminum or zirconium or titanium) near2 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide")) and ((pit\$ or crack\$) same (sheet or foil or plate)))	PGPB, USPT	OR	YES	02-12-2008
((428/606 or 428/607 or 428/626 or 428/632 or 428/633 or 428/4660 or 428/681 or 428/613 or 428/446 or 428/457 or 428/457 or 428/457 or 428/4589 or 428/70.2)![CCLS] and (((metal or steel or aluminum or zirconium or titanium) near2 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and ((pits or crack\$) same (sheet or foil or plate)) ) not ((((metal or steel or aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pits and crack\$) and (pits same crack\$)) and ((pits and crack\$) same (sheet or foil or plate)) or ((((metal or steel or aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pits and crack\$) same (sheet or plate or foil) and ("metal oxide" or "metal hydroxide") and pits and crack\$) and (428/606 or 428/607 or 428/613 or 42	PGPB, USPT	OR	YES	02-12-2008

hydroxide") and pit\$ and crack\$) and ((pit\$ same crack\$)) and ((pit\$ and crack\$) same (sheet or foil or plate)) or (((metal or steel or aluminum or zirconium or titanium) ad]1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit\$ and crack\$) and (428/606 or 428/607 or 428/620 or 428/632 or 428/633 or 428/660 or 428/681 or 428/612 or 428/6480 or 428/4457 or 428/472 or 428/689 or 428/702)!(CCLS] or (((metal or steel or aluminum or zirconium or titanium) ad]1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit\$ and crack\$).clm.)				
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(sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit\$ and crack\$) and (428/606 or 428/607 or 428/625 or 428/632 or 428/633 or 428/660 or 428/681 or 428/613 or 428/461 or 428/613 or 428/461 or 048/472 or 428/689 or 428/702)![CCLS] or (((metal or steel or aluminum or zirconium or itianium) adj! (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit\$ and crack\$).clm. or (((metal or steel or aluminum or zirconium or titanium) near2 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit\$ and crack\$) and ((pit\$ same crack\$)) and ((pit\$ and crack\$) same (sheet or foil or plate)) not (((metal or steel or aluminum or zirconium or titanium) adj! (sheet or plate or foil)) and ("metal oxide" or "metal			
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428/702)![CCLS] or (((metal or steel or aluminum or zirconium or titanium) adj1 (sheet or plate or foil)) and ("metal oxide" or "metal hydroxide") and pit\$ and			
crack\$).clm.)			